# EAST SEARCH

1/28/06

| L# | Hits | Search String | Databases |
|---|---|---|---|
| S1 | 1716 | reservoir same ((well$1 or target$1) with (placement$1 or location$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S2 | 18 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (automated with (US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S3 | 92 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and ("three dimension US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S4 | 22 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and ("two dimensional US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S5 | 13 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (("three dimensior US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S6 | 26 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (filter$3 with value US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S7 | 106 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (cell with (location US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S8 | 407 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (select$3 with (target$1 or location$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S9 | 92 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (platform with (placement$1 or location$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S10 | 44 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and ((cell with (locatior US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S11 | 57 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (triangulat$3) US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S12 | 63 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (cell with (location US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S13 | 13 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (cell with (matrix o US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S14 | 9 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and ("weighted sum") US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S15 | 16 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (window$3 with (c US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S16 | 1 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and windowing US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S17 | 19 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (mov$3 near2 win US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S18 | 1 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (cumulative near2 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S19 | 5 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and ((spacing near2 r; US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S20 | 9 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (select$3 with iter: US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S21 | 26 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (platform with (pla US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S22 | 49 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and (platform near2 (p US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S23 | 222 | (reservoir same ((well$1 or target$1) with (placement$1 or location$1))) and ((automated with  US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S24 | 8 | 5,757,663.pn. or "6,315,054".pn. or "6,006,832".pn. or "6,549,879".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S25 | 4 | 6,549,879.pn. or "5,740,342".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S26 | 2 | 20030204311 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S27 | 6 | ("6,549,879".pn. or "5,740,342".pn.) or "20030204311" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S28 | 6 | 5,757,663.pn. or "6,006,832".pn. or "6,315,054".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S29 | 2003 | reservoir same ((well$1 or target$1) with (placement$1 or location$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S30 | 2005 | S28 or S29 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S31 | 19 | S30 and (weighted near2 sum) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S32 | 2 | S30 and ((weighted near2 sum) with distance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |

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|---|---|---|---|
| L1 | 290606 | (petroleum or hydocarbon or oil or gas) with (well or reservoir) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L2 | 3902 | 1 and (platform with (locat$3 or placement or plac$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L3 | 2078 | 2 and ((well or target) with (locat$3 or placement or plac$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L4 | 132 | 3 and ((optimum or optimal or optimiz$3) with (locat$3 or placement or plac$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L5 | 37 | 4 and ((well or target) with distance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L7 | 52 | 4 and (number with well$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L8 | 0 | 4 and (platform near2 reach) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L9 | 0 | 4 and (compass near2 direction$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L10 | 132 | 4 or 5 or 6 or 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L6 | 25 | 4 and (number with platform) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L11 | 41 | 3 and ((optimum or optimal or optimiz$3) with platform) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| L12 | 54 | 6 or 11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |

10/623347    Richard Colvin

# EAST SEARCH

1/28/06

## Results of search set L10:

| Document | Kind Codes | Title | Issue Date | Current OR | Abstract |
|---|---|---|---|---|---|
| US 20050149307 | A1 | Integrated reservoir optimization | 20050707 | 703/10 | |
| US 20050142033 | A1 | Modular assay plates, reader systems and methods for test measurements | 20050630 | 422/58 | |
| US 20050126911 | A1 | Automated system for two-dimensional electrophoresis | 20050616 | 204/470 | |
| US 20050115741 | A1 | Well system | 20050602 | 175/61 | |
| US 20050080520 | A1 | Waste recovery and material handling process to replace the traditional trash transfer station a | 20050414 | 701/1 | |
| US 20050052646 | A1 | ASSAY PLATES, READER SYSTEMS AND METHODS FOR LUMINESCENCE TEST MEASl | 20050310 | 356/311 | |
| US 20050016165 | A1 | Method of storing and transporting wind generated energy using a pipeline system | 20050127 | 60/398 | |
| US 20040250700 | A1 | Method and apparatus for treating refuse with steam | 20041216 | 100/38 | |
| US 20040244982 | A1 | Substantially neutrally buoyant and positively buoyant electrically heated flowlines for productior | 20041209 | 166/347 | |
| US 20040236547 | A1 | System and method for automated placement or configuration of equipment for obtaining desir | 20041125 | 703/2 | |
| US 20040189010 | A1 | Hydro-electric farms | 20040930 | 290/54 | |
| US 20040153298 | A1 | System and method for automated reservoir targeting | 20040805 | 703/10 | |
| US 20040134662 | A1 | High power umbilicals for electric flowline immersion heating of produced hydrocarbons | 20040715 | 166/367 | |
| US 20040120855 | A1 | Source and target management system for high throughput transfer of liquids | 20040624 | 422/67 | |
| US 20040112980 | A1 | Acoustically mediated liquid transfer method for generating chemical libraries | 20040617 | 239/102.1 | |
| US 20040112978 | A1 | Apparatus for high-throughput non-contact liquid transfer and uses thereof | 20040617 | 239/71 | |
| US 20040102742 | A1 | Wave guide with isolated coupling interface | 20040527 | 604/298 | |
| US 20040079530 | A1 | Method for, and the construction of, a long-distance well for the production, transport, storage a | 20040429 | 166/366 | |
| US 20040039298 | A1 | Noninvasive measurement of chemical substances | 20040226 | 600/558 | |
| US 20040039297 | A1 | Noninvasive measurement of chemical substances | 20040226 | 600/558 | |
| US 20040022677 | A1 | Assay plates, reader systems and methods for luminescence test measurements | 20040205 | 422/52 | |

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|---|---|---|
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| US 20030165361 A1 | Method of constructing precast modular marine structures | 20030904 405/195.1 |
| US 20030139687 A1 | Noninvasive measurement of chemical substances | 20030724 600/558 |
| US 20030093187 A1 | PFN/TRAC systemTM FAA upgrades for accountable remote and robotics control to stop the u | 20030515 701/1 |
| US 20030075361 A1 | Well system | 20030424 175/61 |
| US 20030066359 A1 | Distributed sound speed measurements for multiphase flow measurement | 20030410 73/861.23 |
| US 20030047308 A1 | Wireless downwhole measurement and control for optimizing gas lift well and field performanc | 20030313 166/250.15 |
| US 20030034177 A1 | High power umbilicals for subterranean electric drilling machines and remotely operated vehicl | 20030220 175/61 |
| US 20030026466 A1 | Apparatus for computer-assisted isolation and characterization of proteins | 20030206 382/129 |
| US 20030026465 A1 | Method for computer-assisted isolation and characterization of proteins | 20030206 382/129 |
| US 20020175078 A1 | Computer-assisted isolation and characterization of proteins | 20021128 204/461 |
| US 20020165671 A1 | Method for enhancing production allocation in an integrated reservoir and surface flow system | 20021107 702/12 |
| US 20020157954 A1 | Automated system for two-dimensional electrophoresis | 20021031 204/620 |
| US 20020154799 A1 | Computer-assisted methods and apparatus for identification and characterization of biomolecu | 20021024 382/128 |
| US 20020133300 A1 | Automated system for two-dimensional electrophoresis | 20020919 702/19 |
| US 20020060192 A1 | Efficiency water desalination/purification | 20020523 210/750 |
| US 20020049389 A1 | Noninvasive measurement of chemical substances | 20020425 600/558 |
| US 20020000316 A1 | Method and apparatus for the optimal predistortion of an electromagnetic signal in a downhole | 20020103 166/244.1 |
| US 20010040033 A1 | Self-regulating lift fluid injection tool and method for use of same | 20011115 166/250.15 |
| US 20010036387 A1 | Precast modular marine structure & method of construction | 20011101 405/195.1 |
| US 20010032786 A1 | Automated system for two-dimensional electrophoresis | 20011025 204/462 |
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| US 6868906 B1 | Closed-loop conveyance systems for well servicing | 20050322 166/250.01 |
| US 6866092 B1 | Two-phase heat-transfer systems | 20050315 165/104.21 |
| US 6863362 B2 | Acoustically mediated liquid transfer method for generating chemical libraries | 20050308 347/19 |
| US 6857486 B2 | High power umbilicals for subterranean electric drilling machines and remotely operated vehicl | 20050222 175/104 |
| US 6840317 B2 | Wireless downwhole measurement and control for optimizing gas lift well and field performanc | 20050111 166/250.15 |
| US 6822236 B1 | Method of optimizing a response of a gas correlation radiometer to a trace amount of a target ; | 20041123 250/338.5 |
| US 6817412 B2 | Method and apparatus for the optimal predistortion of an electromagnetic signal in a downhole | 20041116 166/250.01 |
| US 6813962 B2 | Distributed sound speed measurements for multiphase flow measurement | 20041109 73/861.26 |
| US 6750453 B1 | Methods of and apparatus for detecting low concentrations of target gases in the free atmosph | 20040615 250/338.5 |
| US 6673249 B2 | Efficiency water desalination/purification | 20040106 210/747 |
| US 6672803 B2 | Method of constructing precast modular marine structures | 20040106 405/195.1 |
| US 6668943 B1 | Method and apparatus for controlling pressure and detecting well control problems during drillir | 20031230 175/5 |
| US 6643391 B2 | Apparatus for computer-assisted isolation and characterization of proteins | 20031104 382/129 |
| US 6601458 B1 | Distributed sound speed measurements for multiphase flow measurement | 20030805 73/861.04 |
| US 6578637 B1 | Method and system for storing gas for use in offshore drilling and production operations | 20030617 166/350 |
| US 6575665 B2 | Precast modular marine structure & method of construction | 20030610 405/195.1 |
| US 6554991 B1 | Automated system for two-dimensional electrophoresis | 20030429 204/613 |
| US 6549879 B1 | Determining optimal well locations from a 3D reservoir model | 20030415 703/10 |
| US 6544193 B2 | Noninvasive measurement of chemical substances | 20030408 600/558 |

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| US 6508885 B1 | Edge sealing structure for substrate in low-pressure processing environment | 20030121 | 118/728 |
| US 6507664 B1 | Two-dimensional gels for separation, identification and characterization of biomolecules | 20030114 | 382/129 |
| US 6482303 B2 | Automated system for two-dimensional electrophoresis | 20021119 | 204/462 |
| US 6451189 B2 | Automated system for two dimensional electrophoresis | 20020917 | 204/462 |
| US 6438259 B1 | Computer-assisted methods and apparatus for identification and characterization of biomolecu | 20020820 | 382/129 |
| US 6434435 B1 | Application of adaptive object-oriented optimization software to an automatic optimization oilfiel | 20020813 | 700/30 |
| US 6416644 B1 | Automated system for two-dimensional electrophoresis | 20020709 | 204/462 |
| US 6398932 B1 | Automated system for two-dimensional electrophoresis | 20020604 | 204/462 |
| US 6394181 B2 | Self-regulating lift fluid injection tool and method for use of same | 20020528 | 166/250.15 |
| US 6391650 B1 | Protein sample preparation for electrophoresis | 20020521 | 436/174 |
| US 6349769 B1 | Apparatus and method for establishing branch wells from a parent well | 20020226 | 166/313 |
| US 6320820 B1 | High data rate acoustic telemetry system | 20011120 | 367/81 |
| US 6286596 B1 | Self-regulating lift fluid injection tool and method for use of same | 20010911 | 166/250.15 |
| US 6283678 B1 | Compliant offshore platform | 20010904 | 405/224 |
| US 6283216 B1 | Apparatus and method for establishing branch wells from a parent well | 20010904 | 166/313 |
| US 6279660 B1 | Apparatus for optimizing production of multi-phase fluid | 20010828 | 166/336 |
| US 6247532 B1 | Apparatus for establishing branch wells from a parent well | 20010619 | 166/50 |
| US 6245206 B1 | Automated system for two-dimensional electrophoresis | 20010612 | 204/461 |
| US 6233524 B1 | Closed loop drilling system | 20010515 | 702/9 |
| US 6223855 B1 | Device for dismantling vehicles, in particular for draining the latter | 20010501 | 182/131 |
| US 6216540 B1 | High resolution device and method for imaging concealed objects within an obscuring medium | 20010417 | 73/633 |
| US 6213045 B1 | Flotation system and method for off-shore platform and the like | 20010410 | 114/266 |
| US 6136173 A | Automated system for two-dimensional electrophoresis | 20001024 | 204/461 |
| US 6123821 A | Automated system for two-dimensional electrophoresis | 20000926 | 204/456 |
| US 6101444 A | Numerical control unit for wellbore drilling | 20000808 | 702/9 |
| US 6073576 A | Substrate edge seal and clamp for low-pressure processing equipment | 20000613 | 118/723E |
| US 6062313 A | Expandable tank for separating particulate material from drilling fluid and storing production flui | 20000516 | 166/357 |
| US 6021377 A | Drilling system utilizing downhole dysfunctions for determining corrective actions and simulating | 20000201 | 702/9 |
| US 5993627 A | Automated system for two-dimensional electrophoresis | 19991130 | 204/456 |
| US 5975207 A | Method and apparatus for handling drill pipe in a deviated well | 19991102 | 166/312 |
| US 5868210 A | Multi-lateral wellbore systems and methods for forming same | 19990209 | 175/40 |
| US 5842149 A | Closed loop drilling system | 19981124 | 702/9 |
| US 5762149 A | Method and apparatus for well bore construction | 19980609 | 175/40 |
| US 5683206 A | Deep water platform with buoyant flexible piles | 19971104 | 405/224.2 |
| US 5667023 A | Method and apparatus for drilling and completing wells | 19970916 | 175/45 |
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| US 5398762 A | Compressor system in a subsea station for transporting a well stream | 19950321 | 166/356 |
| US 5390743 A | Installation and method for the offshore exploitation of small fields | 19950221 | 166/366 |
| US 5382141 A | Compressor system and method of operation | 19950117 | 417/423.8 |
| US 5191557 A | Signal processing to enable utilization of a rig reference sensor with a drill bit seismic source | 19930302 | 367/41 |
| US 5150987 A | Method for installing riser/tendon for heave-restrained platform | 19920929 | 405/224 |
| US 5147148 A | Heave-restrained platform and drilling system | 19920915 | 405/199 |
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| US 5050130 A | Signal processing to enable utilization of a rig reference sensor with a drill bit seismic source | 19910917 367/41 |
| US 5044440 A | Underwater station for pumping a well flow | 19910903 166/344 |
| US 4972907 A | Method of conducting well operations from a moveable floating platform | 19901127 166/353 |
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| US 4858689 A | Coal gasification well drilling process | 19890822 166/256 |
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| US 4821445 A | Water delivery system and method | 19890418 43/4.5 |
| US 4781023 A | Wave driven power generation system | 19881101 60/506 |
| US 4746245 A | Offshore drilling and/or production system | 19880524 405/224 |
| US 4606673 A | Spar buoy construction having production and oil storage facilities and method of operation | 19860819 405/210 |
| US 4366988 A | Sonic apparatus and method for slurry well bore mining and production | 19830104 299/14 |
| US 4342278 A | Miniature inflatable containment and dry-water-entry vessels | 19820803 114/345 |
| US 4273066 A | Oil storage vessel, mooring apparatus and oil delivery for the off-shore production of oil | 19810616 114/256 |
| US RE29929 E | Deviated conductor driving system | 19790313 175/9 |
| US 4096039 A | Condition sensing control system for desalinator automation | 19780620 202/205 |
| US 4027734 A | Deviated conductor driving system | 19770607 175/9 |
| US 3987640 A | Column stabilized semisubmersible pipelaying barge | 19761026 405/170 |
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| US 3778854 A | MOORING AND OIL TRANSFER APPARATUS | 19731218 441/4 |
| US 3703207 A | SUBSEA BUNKER CONSTRUCTION | 19721121 166/337 |
| US 3612177 A | DEEP WATER PRODUCTION SYSTEM | 19711012 166/337 |
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